AIOps Skills Every DevOps and SRE Professional Should Learn

Introduction

AiOps Certified Professional (AIOCP) is a career-focused certification for professionals who want to use artificial intelligence in IT operations. It is associated with **DevOpsSchool** and is designed to help learners improve monitoring, incident response, alert management, and automation in modern technology environments.This certification is especially useful for people who work with complex systems and need smarter ways to detect issues, reduce noise, and improve reliability. Instead of treating AIOps as a buzzword, the course shows how it can be applied in practical day-to-day operations.

What is AIOCP?

AIOCP is a certification that blends AI concepts with operational engineering. It teaches how to turn raw operational data such as logs, metrics, and events into useful intelligence that helps teams respond faster and more effectively.

The main idea behind the certification is simple: modern systems produce too much data for manual handling alone. AIOps helps teams automate routine tasks, spot patterns early, and make more informed operational decisions.

Who should take this certification?

This certification is a strong option for DevOps engineers, SREs, cloud engineers, platform engineers, observability professionals, and incident response teams. It also works well for technical leads and managers who want to understand how AI can improve operational workflows.

If you already have basic knowledge of IT systems, monitoring, cloud platforms, or scripting, you will find the certification easier to follow and more valuable in practice. It is also a good starting point for professionals who want to grow into intelligent operations and automation-focused roles.

AIOCP Certification Overview

The AIOCP program is delivered through **DevOpsSchool** and focuses on practical learning. Rather than relying only on theory, it uses a hands-on structure that helps you understand how AIOps works in real environments.

The certification is built to give you both conceptual clarity and applied skills. You learn how AI can support IT operations, how to interpret operational signals, and how to design smarter responses to incidents and performance issues.

Certification levels

The certification path generally includes:

- **Foundation**: core concepts, terminology, and setup basics.
- **Essential**: practical usage in team environments.
- **Intermediate**: automation, integration, and workflow execution.
- **Advanced**: large-scale operations, governance, and problem-solving.

Assessment approach

The final assessment is typically practical and scenario-driven. Instead of only asking you to memorize definitions, it checks whether you can reason through operational problems and apply AIOps thinking to solve them.

This makes the certification especially useful for working professionals because it connects learning directly to real operational challenges.

Program structure

The learning journey usually includes:

- conceptual modules,
- hands-on exercises,
- real-world examples,
- operational scenarios,
- and certification assessment.

This makes it suitable for learners who prefer application-based learning over purely academic study.

Skills you'll gain

By completing AIOCP, you can develop skills such as:

- understanding AIOps concepts and how they fit into IT operations,
- combining logs, metrics, and alerts into better operational signals,
- improving alert quality and reducing noise,
- using monitoring data more intelligently,
- applying basic AI and machine learning ideas in operations,
- automating repetitive operational tasks,
- improving incident response workflows,
- creating dashboards for reliability and visibility,

- using infrastructure automation ideas,
- and thinking in terms of proactive, self-healing systems.

Projects you should be able to do

After this certification, you should be more confident in doing practical operational work such as:

- building a simple anomaly detection flow,
- correlating alerts from multiple systems,
- creating a runbook for common incidents,
- automating recurring operations tasks,
- designing a monitoring dashboard,
- organizing operational data into actionable insights,
- reducing duplicate and low-value alerts,
- and documenting an AIOps workflow for your team.

These kinds of projects are what make the certification useful beyond the classroom.

Common mistakes

Many learners make the mistake of thinking AIOps is only about tools. In reality, the value comes from better operational thinking, cleaner data, and smarter decision-making.

Other common mistakes include:

- ignoring the basics of observability,
- learning concepts without practice,
- expecting AI to solve poor operations automatically,
- not connecting the certification to business value,
- and focusing too much on vocabulary instead of outcomes.

Avoiding these mistakes will help you get much more from the certification.

Best next certification

The best next certification depends on your direction.

- If you want to stay in the same area, **MLOps Certified Professional** is a strong next step.
- If you want broader operational depth, choose **SRE Certified Professional**.
- If you want a wider delivery and automation track, go for **DevOps Certified Professional**.

AIOCP works best when it becomes part of a larger career path rather than a standalone badge.

Complete Certification Table

Track	Level	Who it’s for	Prerequisites	Skills Covered	Recommended Order
AIOps	Professional	DevOps, SRE, observability, and automation teams	Basic IT operations knowledge	AI for IT ops, logs, alerts, monitoring, automation	1
DevOps	Professional	Engineers working on pipelines and automation	Linux, scripting, CI/CD basics	CI/CD, IaC, release automation, deployment workflows	2
SRE	Professional	Reliability and incident-focused professionals	Monitoring, Linux, cloud basics	SLOs, error budgets, incident handling, observability	2
DevSecOps	Professional	Security-focused engineering teams	DevOps foundation	Pipeline security, scanning, policy checks	3
MLOps	Professional	AI/ML and operations teams	Python, cloud, data basics	Model deployment, monitoring, ML pipelines	3
DataOps	Professional	Data engineers and analytics teams	SQL, ETL, pipeline basics	Data orchestration, governance, reliability	3
FinOps	Professional	Cloud cost and platform teams	Cloud fundamentals	Cost optimization, budgeting, visibility, control	3

Choose your path

1. DevOps path

Start with AIOCP and then move into DevOps if you want to strengthen automation, delivery, and infrastructure skills.

2. DevSecOps path

Choose this if you want to combine intelligent operations with security practices across systems and pipelines.

3. SRE path

This path is best for people who want to build reliable, measurable, and resilient systems.

4. AIOps/MLOps path

Pick this if you want to work where AI and operations overlap in practical engineering environments.

5. DataOps path

This is a good option if your work revolves around pipelines, data quality, orchestration, and reliability.

6. FinOps path

Add FinOps if you want to connect AIOps with cloud cost management and operational efficiency.

Role → Recommended certifications

Role	Recommended certifications
DevOps Engineer	AIOCP, DevOps Certified Professional, Kubernetes certification
SRE	AIOCP, SRE Certified Professional, Observability certification
Platform Engineer	AIOCP, DevOps Certified Professional, Kubernetes certification
Cloud Engineer	AIOCP, DevOps Certified Professional, Cloud certification
Security Engineer	AIOCP, DevSecOps Certified Professional, Kubernetes security path
Data Engineer	AIOCP, DataOps Certified Professional, MLOps Certified Professional
FinOps Practitioner	AIOCP, FinOps Certified Professional, Cloud certification
Engineering Manager	AIOCP, SRE Certified Professional, DevOps leadership path

Institutions that help with training

DevOpsSchool, **Cotocus**, **Scmgalaxy**, **BestDevOps**, **Devsecopsschool**, **Sreschool**, **Aiopsschool**, **Dataopsschool**, and **Finopsschool** are names often associated with training and certification support in this ecosystem. **DevOpsSchool** is the most directly linked to AIOCP, while the others are useful for broader learning across DevOps, SRE, AIOps, DataOps, and FinOps.

Next certifications to take

You can choose your next step based on your career goals:

- **Same track:** MLOps Certified Professional.
- **Cross-track:** SRE Certified Professional or DevOps Certified Professional.
- **Leadership:** reliability, platform, or cloud operations leadership learning paths.

FAQs

1. **What is AIOCP?**
   AIOCP stands for AiOps Certified Professional and focuses on applying AI in IT operations.
2. **Who offers it?**
   It is associated with DevOpsSchool.
3. **Is it suitable for beginners?**
   It is best for people with basic IT or cloud knowledge, but beginners can still learn it with effort.
4. **Does it include practical learning?**
   Yes, the certification is designed around hands-on practice and real examples.
5. **What type of exam does it have?**
   The exam is usually scenario-based and practical.
6. **What will I learn?**
   You will learn alert handling, automation, monitoring, event correlation, and AIOps workflows.
7. **Is it useful for DevOps professionals?**
   Yes, because it improves operational intelligence and automation.
8. **Can SRE professionals benefit from it?**
   Definitely. It supports reliability, incident response, and signal management.
9. **What should I take after AIOCP?**
   MLOps, SRE, or DevOps are the most natural next certifications.
10. **Why does AIOps matter?**
    Because modern systems generate too much operational data for manual management, and AIOps helps teams respond faster and smarter.

Why choose DevOpsSchool?

DevOpsSchool is a strong choice because it combines structured learning with hands-on practice and focuses on real engineering outcomes. It also offers a wider certification ecosystem, so learners can move from AIOps into DevOps, SRE, DevSecOps, MLOps, DataOps, and FinOps as their career grows.

Conclusion

AIOCP is a valuable certification for professionals who want to use AI to improve IT operations, observability, and incident handling. If you want a practical learning path that supports modern operations careers, this certification is a strong place to begin.